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one eighth inch = one foot

4 8 16

VA FORM 08-6231

HVAC GENERAL NOTES

REQUIRED BY CODE.

- Insulation -

STRENGTH INSULATION (9 PCF MIN. DENSITY) UNDER INSULATION SHIELD

TRAPEZE HANGER FOR UP TO 1000 LB.

NOTE: FOR TRAPEZE HANGER TAKE SPACING OF SMALLEST SIZE ON TRAPEZE.

<u>UNIFORM LOAD</u>

MAXIMUM PIPE/TUBING SUPPORT SPACING

IN. THRU 3/4 1 1 1/4 1 1/2 2 2 1/2 3 4 5 6 8 10 (MM) THRU (20) (25) (32) (40) (50) (65) (75) (100) (125) (150) (200) (250)

(M) | 5 FT | (1.8) | (2.1) | (2.4) | (2.4) | (2.7) | (3.0) | (3.7) | (4.0) | (4.1) | (4.9) |

 (2.1)
 (2.1)
 (2.1)
 (2.7)
 (3.0)
 (3.4)
 (3.7)
 (4.1)
 (4.9)
 (5.2)
 (5.8)
 (6.7)

 5 FT
 6
 7
 8
 8
 9
 10
 12
 13
 14
 16

ADJUSTABLE CLEVIS HANGER
TYPE 43 - SEE SPECIFICATIONS

- 1/2" DIA. HANGER RODS WITH 36"

1-5/8" 12 GAGE CHANNEL OR

2"x2"x1/4" ANGLE

MAX. SPACING ON EACH CHANNEL

INSULATION SHIELD

ADJUSTABLE CLEVIS HANGER
TYPE 1 - SEE SPECIFICATIONS

PROVIDE INSULATION SHIELD AND INSERT FOR ALL PIPING (8" MIN.)

- 1. NOT ALL SYMBOLS ARE NECESSARILY USED.
- 2. DRAWINGS ARE DIAGRAMMATIC. CONTRACTOR TO FIELD VERIFY DUCT AND PIPE ROUTING AND COORDINATE INTERFERENCE BETWEEN TRADES PRIOR TO INSTALLATION.
- 3. ROOF OPENINGS, FLASHING, AND COUNTER FLASHING BY GENERAL CONTRACTOR. LOCATION OF OPENINGS BY HEATING CONTRACTOR.

SEISMIC REQUIREMENTS, ENERGY CODES, AND INSURANCE UNDERWRITER REQUIREMENTS.

- 4. INSTALL ALL MECHANICAL EQUIPMENT AND APPURTENANCES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, CONTRACT DOCUMENTS, APPLICABLE BUILDING, STATE, AND LOCAL CODES,
- 5. PROVIDE ALL MATERIALS, EQUIPMENT AND PERFORM ALL LABOR REQUIRED TO INSTALL COMPLETE AND OPERABLE MECHANICAL SYSTEMS AS INDICATED ON THE DRAWINGS, AS SPECIFIED, AND AS
- 6. CONTRACT DOCUMENT DRAWINGS FOR MECHANICAL WORK ARE DIAGRAMMATIC AND ARE INTENDED TO CONVEY SCOPE AND GENERAL ARRANGEMENT ONLY. CONTRACTOR SHALL BE RESPONSIBLE TO FIELD SURVEY ACTUAL SITE CONDITIONS AND ACCOMMODATE ACTUAL SITE CONDITIONS AS PART OF
- SCOPE OF WORK AT NO COST TO OWNER.

 7. COORDINATE CONSTRUCTION OF ALL MECHANICAL WORK WITH ARCHITECTURAL, STRUCTURAL, CIVIL,
- 8. MAINTAIN A MINIMUM OF 6'-8" CLEARANCE TO UNDERSIDE OF PIPES, DUCTS, CONDUITS, SUSPENDED

AND ELECTRICAL WORK, ETC. SHOWN ON OTHER CONTRACT DOCUMENT DRAWINGS.

- EQUIPMENT, SUPPORTS, ETC., THROUGHOUT ACCESS ROUTES IN MECHANICAL ROOMS.

 9. ALL TESTS SHALL BE COMPLETED AND ACCEPTED BY THE INSPECTOR BEFORE ANY MECHANICAL
- EQUIPMENT OR PIPING INSULATION IS APPLIED.

 10. ALL EQUIPMENT SUBMITTALS AND SHOP DRAWINGS REQUIRED BY THE SPECIFICATIONS SHALL BE

APPROVED BY ENGINEER PRIOR TO PURCHASE, FABRICATION, AND INSTALLATION.

- 11. ALL HEATING DEVICES AND SURFACES WITH ELEVATED TEMPERATURES WHICH CAN BE ACCESSED OR COME IN CONTACT WITH OWNER PERSONNEL SHALL BE PROTECTED, INSULATED, OR CONTROLLED TO REMAIN BELOW 120°F.
- 12. ALL VALVES SHALL BE ADJUSTED FOR SMOOTH AND EASY OPERATION.
- 13. TESTING ADJUSTING AND BALANCING (TAB) AGENCY SHALL BE A MEMBER OF THE ASSOCIATED AIR BALANCING COUNCIL (AABC), THE NATIONAL ENVIRONMENTAL BALANCING BUREAU (NEBB), OR THE TESTING, ADJUSTING AND BALANCING BUREAU (TABB). TAB FIRM SHALL HAVE A MINIMUM OF 5 YEARS EXPERIENCE ON SIMILAR PROJECTS. PERFORM TAB IN ACCORDANCE WITH THE REQUIREMENTS OF THE TAB PROCEDURAL STANDARD RECOMMENDED BY THE TAB TRADE ASSOCIATION THAT APPROVED THE TAB FIRM'S QUALIFICATIONS.
- 14. WHERE TWO OR MORE ITEMS OF THE SAME TYPE OF EQUIPMENT ARE REQUIRED, THE PRODUCTS OF A SINGLE MANUFACTURER SHALL BE USED.
- 15. COORDINATE ALL FINAL EQUIPMENT CONNECTIONS WITH MANUFACTURERS' CERTIFIED DRAWINGS. COORDINATE AND PROVIDE ALL DUCTWORK AND PIPING TRANSITIONS REQUIRED FOR FINAL EQUIPMENT CONNECTIONS TO FURNISHED EQUIPMENT. FIELD VERIFY AND COORDINATE ALL DUCTWORK AND PIPING DIMENSIONS BEFORE FABRICATION.
- 16. ALL CONTROL WIRE AND CONDUIT SHALL COMPLY WITH THE NATIONAL ELECTRIC CODE, DIVISION 26 OF THE SPECIFICATIONS, ALL LOCAL CODES, AND OWNER'S INSURANCE UNDERWRITER REQUIREMENTS.
- 17. WHEN MECHANICAL WORK (HVAC, PLUMBING, FIRE PROTECTION, CONTROLS, ETC.) IS SUBCONTRACTED BY THE MC, IT SHALL BE THE MECHANICAL CONTRACTOR'S RESPONSIBILITY FOR COORDINATING SUBCONTRACTORS AND THEIR ASSOCIATED SCOPE OF WORK. WHEN DISCREPANCIES ARISE PERTAINING TO WHICH SUBCONTRACTOR PROVIDES A PARTICULAR ITEM OF THE MECHANICAL CONTRACT OR WHICH SUBCONTRACTOR PROVIDES FINAL CONNECTIONS FOR A PARTICULAR ITEM OF THE MECHANICAL CONTRACT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE MECHANICAL CONTRACTOR AND HIS DECISION SHALL BE FINAL.
- 18. THE LOCATIONS AND SIZES OF ALL ITEMS SHOWN ON THE DRAWINGS OR CALLED FOR IN THE SPECIFICATIONS THAT ARE NOT DEFINITELY FIXED BY DIMENSIONS ARE APPROXIMATE ONLY. THE EXACT LOCATIONS AND SIZES NECESSARY TO SECURE THE BEST CONDITIONS AND RESULTS SHALL BE DETERMINED BY THE PROJECT SITE CONDITIONS AND SHALL HAVE THE APPROVAL OF THE ENGINEER BEFORE BEING INSTALLED. DO NOT SCALE DRAWINGS.
- 19. PLAN DRAWINGS AND SECTION CUTS WHICH SPECIFICALLY IDENTIFY SERVICE ROUTE OFFSETS, ELEVATION CHANGES, OBSTRUCTIONS, ACCESS DOORS, BALANCING DEVICES, ETC. ARE SHOWN FOR CLARITY WHERE SPECIFIC KNOWN CONDITIONS EXIST. MECHANICAL CONTRACTOR SHALL COORDINATE EQUIPMENT, DUCTWORK, AND PIPING ROUTINGS WITH ALL OTHER TRADES. REQUIREMENTS NOT SPECIFICALLY IDENTIFIED SHALL NOT BE INTERPRETED AS EXCLUSION FROM CONTRACTOR'S SCOPE OF WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR ACTUAL SITE CONDITIONS AND SHALL INCLUDE SUCH CONDITIONS IN SCOPE OF WORK AT NO ADDITIONAL COST TO THE OWNER.
- 20. ALL MISCELLANEOUS STEEL REQUIRED TO ENSURE PROPER INSTALLATION AND SUPPORT OF MECHANICAL WORK AS SHOWN IN DETAILS FOR PIPING, DUCTWORK AND EQUIPMENT (UNLESS OTHERWISE NOTED) SHALL BE FURNISHED AND INSTALLED BY THE MECHANICAL CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- 21. PROVIDE ACCESS DOORS AND PANELS AS SPECIFIED FOR INSTALLATION IN WALLS AND CEILINGS, WHERE REQUIRED, TO SERVICE, BALANCE, ADJUST, MAINTAIN, AND/OR INSPECT DAMPERS, VALVES, SMOKE DETECTORS, CONTROLS, AND OTHER CONCEALED MECHANICAL EQUIPMENT. ACCESS PANELS SHALL BE GIVEN TO THE GENERAL CONTRACTOR FOR INSTALLATION. ACCESS PANEL LOCATIONS SHALL BE COORDINATED WITH ALL DISCIPLINES.
- 22. ALL EQUIPMENT, PIPING, DUCTWORK, ETC., SHALL BE SUPPORTED AS DETAILED, SPECIFIED AND AS REQUIRED TO PROVIDE A VIBRATION FREE INSTALLATION.
- 23. ALL DUCTS SHALL BE GROUNDED ACROSS FLEXIBLE CONNECTIONS WITH FLEXIBLE COPPER GROUNDING STRAPS. GROUNDING STRAPS SHALL BE BOLTED OR SOLDERED TO BOTH THE EQUIPMENT
- 24. ALL PIPING AND DUCTWORK SHALL CLEAR DOORS, WINDOWS, EQUIPMENT CLEARANCES, MAINTENANCE REQUIREMENTS, CODE SETBACKS, ETC. TO ASSURE PROPER OPERATION, INSPECTION, AND
- 25. UNLESS OTHERWISE SHOWN, LOCATE ALL ROOM THERMOSTATS 48" (CENTER LINE) ABOVE FINISHED FLOOR IN ACCORDANCE WITH ADA REQUIREMENTS. NOTIFY THE ENGINEER OF ANY ROOMS WHERE THE ABOVE LOCATION CAN NOT BE MAINTAINED OR WHERE THERE IS A QUESTION ON LOCATION.
- COORDINATE FINAL LOCATIONS WITH OWNER.

 26. LOCATE ALL MECHANICAL EQUIPMENT (UNIT HEATERS, ETC.,) FOR UNOBSTRUCTED ACCESS TO

UNIT ACCESS PANELS, FILTERS, CONTROLS AND VALVING.

- 27. PROVIDE FLEXIBLE CONNECTIONS IN ALL DUCTWORK SYSTEMS (SUPPLY, RETURN AND EXHAUST) CONNECTED TO FANS AND OTHER EQUIPMENT WHICH REQUIRE VIBRATION ISOLATION. FLEXIBLE CONNECTIONS SHALL BE PROVIDED AT THE POINT OF CONNECTION TO THE EQUIPMENT UNLESS
- 28. ALL LOUVERS SHALL BE FURNISHED AND INSTALLED BY THE GENERAL CONTRACTOR (UNLESS OTHERWISE NOTED). GENERAL CONTRACTOR SHALL COORDINATE SIZES, LOCATIONS, AND CONNECTIONS WITH MECHANICAL CONTRACTOR. DUCTWORK CONNECTIONS TO LOUVERS SHALL BE FURNISHED AND INSTALLED BY MECHANICAL CONTRACTOR.
- 29. PROVIDE AN AIR VENT AT THE HIGH POINT OF EACH DROP IN HYDRONIC WATER PIPING SYSTEMS. ALL PIPING SHALL SLOPE TO LOW POINTS. PROVIDE HOSE END DRAIN VALVES AT THE BOTTOM OF ALL RISERS AND LOW POINTS.
- 30. INSTALL PIPING SO THAT ALL VALVES, STRAINERS, UNIONS, TRAPS, FLANGES, AND OTHER APPURTENANCES REQUIRING ACCESS ARE ACCESSIBLE.
- 31. ALL ISOLATION VALVES SHALL BE IN A LOCATION AND ELEVATION WHICH ALLOWS FOR EQUIPMENT AND BRANCH PIPING REMOVAL, WHILE MAINTAINING SERVICE UPSTREAM OF THE ISOLATION VALVE.
- 32. ALL BALANCING VALVES AND ISOLATION VALVES USED TO ADJUST FLOW RATES SHALL BE PROVIDED WITH POSITION INDICATORS AND MAXIMUM ADJUSTABLE STOPS (MEMORY STOPS).
- 33. ALL ISOLATION VALVES (EXCEPT CONTROL VALVES), STRAINER, AND PIPING SPECIALTIES AND STRAINERS SHALL BE FULL LINE SIZE BEFORE REDUCING SIZE TO MAKE CONNECTIONS TO EQUIPMENT AND CONTROLS.
- 34. MECHANICAL JOINTS SUCH AS UNIONS, FLANGES, OR THREADED FITTINGS SHALL BE INSTALLED AT EACH EQUIPMENT CONNECTION, IN BYPASSES, AT FLOOR PENETRATIONS, AT CONTROL DEVICES, AND IN LONG PIPE RUNS (100 FEET OR MORE) TO PERMIT DISASSEMBLY FOR ALTERATION AND REPAIRS.

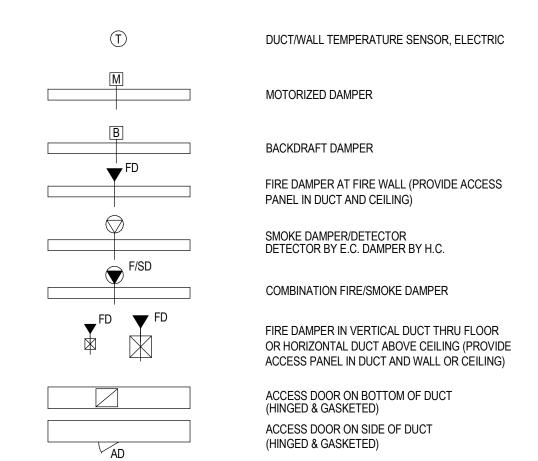
- 35. MEASURE, CUT, AND INSTALL PIPE LENGTH ACCURATELY TO MINIMIZE MISALIGNMENT. INSTALL ALL PIPING WITHOUT FORCING OR SPRINGING.
- 36. PROVIDE FLEXIBLE CONNECTIONS IN ALL PIPING SYSTEMS CONNECTED TO PUMPS AND OTHER EQUIPMENT WHICH REQUIRE VIBRATION ISOLATION (EXCEPT WATER COILS). FLEXIBLE CONNECTIONS SHALL BE PROVIDED AS CLOSE TO THE EQUIPMENT AS POSSIBLE OR AS INDICATED ON THE DRAWINGS.
- 37. PROVIDE VIBRATION ISOLATION FOR ALL MECHANICAL EQUIPMENT TO PREVENT VIBRATION TRANSMISSION TO BUILDING STRUCTURE.
- 38. CONCRETE HOUSEKEEPING PADS SHALL BE FURNISHED AND INSTALLED BY THE GENERAL CONTRACTOR. MECHANICAL CONTRACTOR SHALL PROVIDE EQUIPMENT WEIGHTS, SIZES, AND LOCATION TO GENERAL CONTRACTOR. MINIMUM CONCRETE PAD THICKNESS SHALL BE IN ACCORDANCE WITH STRUCTURAL DETAILS. PAD SHALL EXTEND BEYOND THE EQUIPMENT FOOTPRINT A MINIMUM OF 6 INCHES ON EACH SIDE.
- 39. ALL DUCTWORK, PIPING, AND EQUIPMENT SUPPORTED FROM STRUCTURAL STEEL SHALL BE COORDINATED WITH GENERAL CONTRACTOR. ALL ATTACHMENTS TO STEEL MEMBERS, BAR JOISTS, TRUSSES, OR JOIST GIRDERS SHALL BE APPROVED BY STRUCTURAL ENGINEER. WELDING TO STRUCTURAL MEMBERS SHALL NOT BE PERMITTED.
- 40. MECHANICAL EQUIPMENT, DUCTWORK, AND PIPING SHALL NOT BE SUPPORTED FROM ROOF OR DECK ASSEMBLY. SUPPORTS SHALL ATTACH TO STRUCTURAL MEMBERS. COORDINATE WITH STRUCTURAL DRAWINGS
- 41. PROVIDE MANUFACTURER'S MATCHING ROOF CURBS FOR ALL ROOF MOUNTED EQUIPMENT.

 COORDINATE ACTUAL ROOF PITCH AND CONSTRUCTION DETAILS WITH GENERAL CONTRACTOR.

 PROVIDE SLOPED CURBS PER MANUFACTURER'S RECOMMENDATIONS. GENERAL CONTRACTOR SHALL INSTALL ROOF CURBS AND FLASHING PER ROOFING MANUFACTURER'S INSTALLATION REQUIREMENTS.

HVAC SYMBOLS

DOUBLE LINE SHEETMETAL SYMBOLS DESCRIPTION



PIPELINE SYMBOLS

	BALL VALVE
——————————————————————————————————————	GATE VALVE
	STRAINER
	UNION
	THERMOMETER
	PRESSURE GAUGE
	PRESSURE REDUCING VALVE
——————————————————————————————————————	TWO-WAY MODULATING CONTROL VALVE
	SAFETY VALVE OR PRESSURE RELIEF
`` A	AUTOMATIC AIR VENT
M	MANUAL AIR VENT
	TWO-WAY CONTROL VALVE (TWO POSITION TYPE)
	MOTORIZED VALVE
	PIPING TURNED UP
	PIPING TURNED DOWN
	TEE - OUTLET UP
	TEE- OUTLET
	SIDE CONNECTION
	CAPPED OUTLET
	DIRECTION OF FLOW
~~~	PIPE BREAK (SINGLE LINE)

## CONSTRUCTION DOCUMENTS

**Drawing Title** Project Title: Office of 658-13-102 HVAC DETAILS - GENERATOR BUILDING 138 SALEM VA - CORRECT ELECTRICAL DEFICIENCIES Construction **Building Number** and Facilities 6587 Hamilton Avenue JASON J. Pittsburgh, Pennsylvania 15206 Ph: 412.287.7333 Fax: 412.287.7334 **Drawing Number Approved: Project Director** Location: DECHECK Management 1970 ROANOKE BLVD. SALEM, VA 24153 www.ae-works.com 138-H100 Checked: Drawn: Department of Veterans Affairs AE Works Project Number: 13-028 SPL 07/25/14 SPL **Date** 

one quarte 

VA FORM 08-6231

EXISTING UNDERGROUND STORAGE TANK TO REMAIN - REMOVE 5' X 6' DISCHARGE LOUVER, FIRE REMOVE EXTERIOR VENT DAMPER, AND MOTOR OPERATED DAMPER. PIPING UP TO ROOF — REMOVE BRICK TO ALLOW FOR NEW LOUVER INSTALLATION. SEE DETAIL 1/000-G005 REMOVE ELECTRIC UNIT HEATER REMOVE SHEETMETAL TANK, PUMP PLENUM (ASBESTOS) AND ALL PIPING REMOVE 18" X 18" DISCHARGE LOUVER, MOTOR OPERATED DAMPER, AND ROOM PURGE EXHAUST FAN - REMOVAL OF GENERATOR REMOVE MUFFLER (ASBESTOS) AND SUPPORT HANGERS. REMOVE EXHAUST PIPE THROUGH ROOF. -REMOVE DRAIN LINE AND WALL MOUNTED CONDENSATE BUCKET -REMOVE 6' X 6' INTAKE AIR LOUVER, FIRE DAMPER. AND MOTOR OPERATED DAMPER. SEE DETAIL 1/000-

1 HVAC DEMOLITION WORK PLAN - GENERATOR BUILDING 138

# HAZARDOUS MATERIALS

NOTE: THE EXISTING GENERATOR INSTALLATION IS KNOWN TO CONTAIN ASBESTOS. THE FOLLOWING ITEMS ARE POSITIVE FOR ASBESTOS CONTAINING

1. RADIATOR EXHAUST PLENUM
2. EXHAUST SILENCER INSULATION

FOLLOW ALL ABATEMENT PROCEDURES AS

DIRECTED BY THE VAMC FACILITY PROCEDURES.

#### **HVAC CONTROL SEQUENCES**

VENTILATION:

UPON A RISE IN SPACE TEMPERATURE ABOVE SET POINT (80°F, ADJ.), THE INTAKE DAMPER SHALL MODULATE OPEN TO MINIMUM POSITION. THE EXHAUST FAN SHALL ENERGIZE. UPON A DROP IN SPACE TEMPERATURE THE FAN SHALL TURN OFF AND THE INTAKE

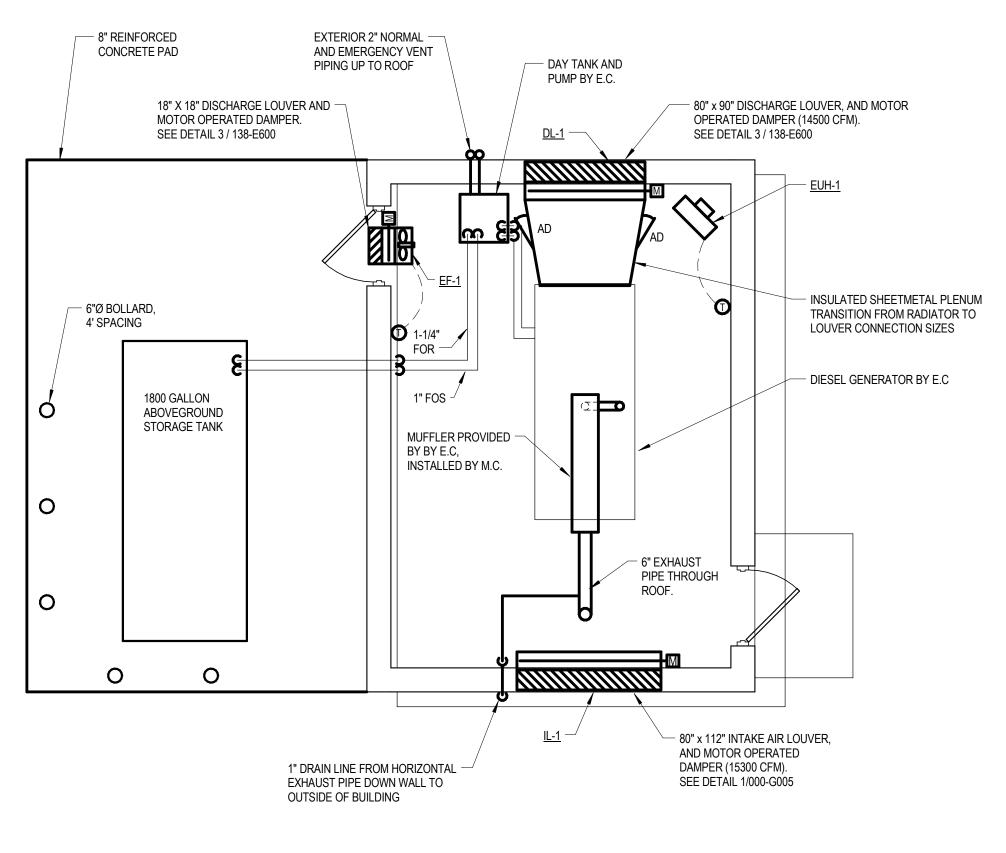
DAMPER SHALL CLOSE.
HEATING:

UPON A DROP IN SPACE TEMPERATURE BELOW SPACE SET POINT (45°F, ADJ.), THE UNIT HEATER SHALL ENERGIZE. UPON A RISE IN SPACE TEMPERATURE, THE UNIT HEATER SHALL TURN OFF.

GENERATOR:

UPON THE GENERATOR INDICATED TO TURN ON, THE INTAKE AND DISCHARGE DAMPERS SHALL FULLY OPEN AND SHALL BE CONFIRMED OPEN BY AN END SWITCH. IF THE END SWITCH IS NOT SATISFIED AN ALARM SHALL BE GENERATED AND SENT TO THE STATION DDC SYSTEM. THE UNIT HEATER AND EXHAUST FAN SHALL BE OFF IN AN OVERRIDE CONDITION.

ONCE THE GENERATOR IS OFF AND THE RADIATOR FAN IS STOPPED, THE INTAKE AND DISCHARGE DAMPERS SHALL CLOSE. THE EXHAUST FAN AND UNIT HEATER SHALL RESUME THEIR STANDARD OPERATION.



HVAC NEW WORK PLAN - GENERATOR BUILDING 138

ELECTRIC UNIT HEATER SCHEDULE

 MARK
 SERVICE
 CAPACITY (kW)
 STEPS
 TEMP RISE
 FAN CFM
 ELECTRICAL DATA VOLT
 PH
 MCA

 EUH-1
 GENERATOR BLDG
 7.5
 2
 49 F
 650
 208
 3
 36

1. REMOTE PROGRAMMABLE THERMOSTAT INTERLOCKED WITH CONTROL SYSTEM

 EXHAUST FAN SCHEDULE

 MARK
 TYPE
 DRIVE
 BALANCED CFM
 SP
 HP
 ELECTRICAL VOLTAGE
 PHASE AMP MAX. FUSE
 RPM

 EF-1
 PROPELLER
 DIRECT
 1000
 0.5
 1/2
 120
 1
 6.8
 15
 1496

NOTES:

1. REMOTE PROGRAMMABLE THERMOSTAT INTERLOCKED WITH CONTROL SYSTEM

LOUVER SCHEDULETAGSERVICETYPEAIRFLOW (CFM)SIZE (IN)FREE AREA (SF)VELOCITY MAX (FPM)MATERIALIL-1INTAKEDRAINABLE STATIONARY1530080 x 11228550ALUMINUMDL-1DISCHARGEDRAINABLE STATIONARY1450080 x 9022650ALUMINUM

NOTES:

1. MAX WATER PENETRATION TO BE 0.01 OZ / SF AT 1000 FPM

ABOVE GROUND STORAGE TANK SCHEDULE

TAG SERVICE FUEL TYPE TANK TYPE CAPACITY (GALLONS) (IN) (IN) (IN) (LBS)

AST-1 GENERATOR NO. 2 FUEL OIL ABOVEGROUND 1800 150 62 -
NOTES:

1. REFER TO SPECIFICATION SECTION 231000 FOR ADDITIONAL REQUIREMENTS.



# CONSTRUCTION DOCUMENTS

Drawing Title Project Title: Project Number 658-13-102 SEAL **CONSULTANTS: ARCHITECTS/ENGINEERS:** Office of HVAC DEMOLITION / NEW WORK PLAN -SALEM VA - CORRECT ELECTRICAL Construction GENERATOR BUILDING 138 DEFICIENCIES **Building Number** and Facilities 6587 Hamilton Avenue JASON J. Pittsburgh, Pennsylvania 15206 Ph: 412.287.7333 Fax: 412.287.7334 www.ae-works.com **Drawing Number** Approved: Project Director Location: DECHECK Management 1970 ROANOKE BLVD. SALEM, VA 24153 138-H101 Checked: Drawn: Department of Veterans Affairs 07/25/14 SPL SPL Date

